Abhijeet Shetake:

QUALIFICATIONS SUMMARY:

3.10+ year of experience in Design & Development of subcomponents of automotive system. Profound knowledge in automotive system design & CAD tool of Unigraphics NX.

Summary:

- 3.10+ years of experience in design (CAD-**NX**, PDM/PLM- **Team center)**
- Product design of various types of automotive components.
- Proficient in component design, modelling, drafting, assembly and technical documentation to meet the customer requirements.
- Use engineering techniques and knowledge to solve problems and make recommendations.
- Designing of plastic & sheet metal components.
- Creative ability to evolve innovative solutions while developing new Products.
- Proven track record of excellent teamwork.
- Evaluate the technical, manufacturing & assembly feasibility of designs through cross functional design reviews.

Career History
Total Work Experience: **3 Years, 10 Months**

- **Tech Mahindra, Pune**

    Onsite Location : Honeywell Automation India Ltd., Pune
    Designation : Design Engineer
    Duration : February 2020 to Present

    Onsite Location : Mahindra & Mahindra Ltd. (Tractor Division), Kandivali (Mumbai)
    Designation : Design Engineer
    Duration : September 2019 to January 2020

- **eTeam InfoServices Private Limited**

    Client Location : Tech Mahindra, Mumbai
    Onsite Location : Mahindra & Mahindra Ltd. (Tractor Division), Kandivali (Mumbai)
    Designation : Design Engineer
    Duration : June 2018 to August 2019

- **Cadtekh Servces**

    Designation : Design Engineer
    Duration : June 2017 to May 2018

Software & Technical Skills

CAD Tools   UG-NX 10, CATIAV5R19, SolidWorks
PLM Tools   Team Centre 8.0,10. SAP, PDM, Oracle
Computer Skills   Excel, Word, Power Point

Abhijeet Shetake:

Experience

1. **Organization: Tech Mahindra LTD. (On site Honeywell Automation India Ltd., Hadapsar, Pune.)**
   Designation   : Design Engineer

   ## *Roles & Responsibilities:*

   - Co-ordination with Germany, Thailand & Arlington Team and support them.
   - Hands on BOM creation and exploring child parts in Oracle ERP.
   - Uploading the BOM in Oracle ERP after getting approval from Thailand Team.
   - Creating Deckboard for flat conveyors as per client requirement in AutoCAD, SheetCAM & Job Previewer.
   - Execute tasks raised through Trackers assigned accordingly.
   - Updating engineering data as per Job Order in Oracle Configurator which assigned by Arlington Team.
   - Working on client location with their standards and user friendly to company system.
   - Keeping all records in MS- excel & Client server, presentation etc.
   - Completing project activity and deliver quality of work on time.
   - Knowledge of PLM tool, modelling and assembly and EBOM.
   - Good management and co-ordination with team and client.
   - Working on modelling and assembly of product in cad tool.

2. **Organization: Tech Mahindra LTD. (On site Mahindra & Mahindra, Kandivali, Mumbai.)**
   Designation   : Design Engineer

   Tech Mahindra is one of the key group companies specializing in digital transformation, consulting & business re-engineering solutions.

Major Completed Project:
   Project: **Arjun Power plus**
   Client: **Mahindra & Mahindra Farm Equipment, Kandivali, Mumbai**
   Software: **Unigraphics NX10, Team center 11**.

   - Roles: Designing & Modifications of major tractor components like HOOD ASSEMBLY, FENDER ASSY RH & LH, LEVER HOUSING, HOUSING CLUTCH, PEDAL BRAKE, PEDAL CLUTCH, etc.
   - Drawing Release activities from Proto to Production Release in Team center.
   - Group Discussions with Other aggregates regarding packaging and clearances.
   - Co-ordination with material validation Team.
   - Design modifications based on CAE reports.
   - Responsible for 3D &2D preparation using multi cad interfaces.
   - Hands on BOM creation and exploring child parts.

3. **Organization: eTeam InfoServices Private Limited (Client - Tech Mahindra LTD., On Site-Mahindra & Mahindra, Kandivali, Mumbai.)**
   Designation   : Design Engineer

   Proficient in the use of design tool like **UG NX** (Surfacing, Part Modeling, Sheet Metal Design, Assembly Design, Drafting).

Major Completed Project:
   Project   :   **Yuvraj-215.**
   Company Name :   **Tech Mahindra.**
   Client Name   :   **Mahindra & Mahindra.**
   Designation   :   **Junior Engineer**
   Job Profile   :   Design & Development of Various Tractor Part.

Abhijeet Shetake:

Roles & Responsibilities:

- Development of New Products and System for implementation of air trailer brake there by creating a new variant of tractor for exporting to European countries.
- Gathering Information of homologation from marketing team.
- Feasibility study for new vehicle configurations per customer request.
- Development and modification of engine and vehicle integration parts.
- 2D and 3D creation as per M&M standards & Teamcenter workflow.
- Standardization of parts to reduce cost and material handling effort.
- Releasing of new and modified drawings in system using Teamcenter-10 and SAP.
- Designing of prototype and testing variants.
- Developed, tested and implemented all the parts and systems within a given short span.

Project   **:   Compact Cabin .**
Company Name :   Tech Mahindra.
Client Name   **:   Mahindra & Mahindra.**
Designation   **:** Design & Development Engineer.
Job Profile   **:** Design & Development of Various Compact Cabin 35 series Parts.

Responsibilities/achievements:

- Requirement study of concept design.
- Co-ordinate with customer for design approval.
- Part Design & Development as per concept.
- Linkages and lifting unit modifications as per airport requirements.
- Part modeling and 2D drawing creation.
- Releasing drawing in teamcenter in stage wise as L0, L1, L2.
- Implementation of developed parts in tractor.

4. **Organization: <u>Cadtekh Servces</u>**
   Designation   : Design Engineer

Key responsibilities:

- Designing the parts and assembly in UG-NX in provided deadline. Designing activity consists of parametric 3D modeling (Part design, Assembly design and Surfacing) & detail drawing (Drafting).
- Solid Modeling, Surface modeling, Advanced Assemblies, Detailing of products.
- Generation of BOM, Assembly drawings & Detail drawings for manufacturing.
- Handling Design and Development programs for work projects.
- DFMEA & apply GD&T for product development.
- Good knowledge in GD&T and apply it for product development.
- Cost reduction program for product improvement.
- Handling tasks like creating and modifying 3D CAD and 2D layouts to achieve product, system and component specifications.

Major Completed Project:
- _Create 3D modeling, 2D drawings & respective assembly of Front Axle Sheet Metal parts._
  - Handling sheet metal parts and 2D & 3D migration with detailing.
  - Create parametric 3D data in UG-NX Cad Tool.
  - Apply GD&T in drawing as per function of the part and inspection of parts.
  - Design and development of small brackets.

Abhijeet Shetake:

Trainings:

- Certified Training of SolidWorks.
- Certified Training of CATIA V5 R19.
- Training in UG NX Cad Tool.
- Certified Training of AutoCAD.
- Technical Paper Presentation on '**Design and Fabrication of 0.5mm Klick Pencil Assembly Machine'** in International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-6 Issue-1, March 2017.
- 9 months of Industrial Project Training in Kokuyo Camlin Ltd, Vasai.

Educational Qualifications

Name of Course	Name of Institute	Year of Completion	Percentage
BE (Mechanical)	Vidyavardhini's College of Engineering and Technology, Vasai (West)	May 2017	8.445 SGPI (Final Year)
Diploma (Mechanical)	Vidyavardhini's Bhausaheb Vartak Polytechnic, Vasai (West)	May 2014	77.43%
S.S.C.	Utkarsha Vidyalaya, Virar (West)	Mar 2011	89.09%

Personal / General Details:

Date of birth	28/10/1994
Marital Status	Single
Languages known	English, Hindi, Marathi
Passport	Yes
Email	abhijeetshetake@gmail.com
Contact no	+91-7775992624
Permanent Address	204/B, Vidyalaxmi, Balaji Nagar, Jivdani Road, Virar (East), Palghar, Mumbai, Maharashtra. Pin- 401305

I hereby affirm that the information in this document is accurate & true to the best of my knowledge.

Place: Mumbai

Date: **Abhijeet D. Shetake**